

Black Bayou

Segment: 0406 Cypress Creek Basin

Basin number:	4
Basin group:	A
Water body description:	From the Louisiana State Line in Cass County to FM 96 in Cass County
Water body classification:	Classified
Water body type:	Freshwater Stream
Water body length / area:	24 Miles
Water body uses:	Aquatic Life Use, Contact Recreation Use, General Use, Fish Consumption Use, Public Water Supply Use

Standards Not Met in 2004				
Assessment Area	Use	Support Status	Parameter	Category
Lower 12 miles	Aquatic Life Use	Partially Supporting	depressed dissolved oxygen	5b
Upper 12 miles	Aquatic Life Use	Not Supporting	depressed dissolved oxygen	5b

Standards Not Met and Concerns in Previous Years				
Assessment Area	Use	Support Status or Concern	Parameter	Category
Lower 12 miles	Aquatic Life Use	Use Concern-Limited Data	lead (chronic) in water	
Upper 12 miles	Aquatic Life Use	Use Concern-Limited Data	lead (chronic) in water	

Additional Information: Based on assessments of the fish and benthic macroinvertebrate communities, the aquatic life use is fully supported even though dissolved oxygen concentrations are sometimes less than the criterion. The contact recreation, public water supply and general uses are fully supported. The fish consumption use was not assessed.

2004 Concerns:			
Assessment Area	Use or Concern	Concern Status	Description of Concern
Lower 12 miles	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Lower 12 miles	General Use	Use Concern	low pH
Upper 12 miles	Aquatic Life Use	Use Concern	depressed dissolved oxygen
Upper 12 miles	Nutrient Enrichment Concern	Concern	ammonia

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Lower 12 miles	10314	BLACK BAYOU AT CASS CR4659, 1.6 MI. SW OF SH77, 4 MI. NORTH OF MCLEOD

Monitoring sites used:		
Assessment Area	Station ID	Station Description
Upper 12 miles	16157	BLACK BAYOU AT FM2791, 3.2KM WEST OF INTERSECTION OF FM2791 AND US59 IN QUEEN CITY

Published studies:		
Publication	Date	Author
IMS 48 Black Bayou	Sept. 1976	Twidwell, S.
IS 35 Black Bayou	Aug. 1980	Twidwell, S.